



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Date: January 11, 2013

MEMORANDUM

Subject: Acute Toxicity Review for EPA Reg. No. 75757-2

Product Name: CDG Solution 3000TM
DP Barcode: 406736
Decision No: N/A
Action Code: N/A
PC Code: 020503 Chlorine dioxide

From: Shirley Keel, Biologist
Risk Management and Implementation Branch V
Pesticide Re-evaluation Division (7508P)

To: Veronica Dutch, CRM
Risk Management and Implementation Branch V
Pesticide Re-evaluation Division (7508P)

Applicant: CDG Environmental LLC
1150 18th St., NW, Suite 1000
Washington, District of Columbia 20036

FORMULATION FROM LABEL:

	<u>% by wt.</u>
<u>Active Ingredient:</u>	
Chlorine dioxide	0.30
<u>Other Ingredient(s):</u>	99.70
Total	100.00

Background Information:

In the eight-month response to the Chlorine Dioxide and Sodium Chlorite RED, the Registrant submitted MRID No. 488107-01 for the reregistration of product EPA Reg. No. 75757-2. The Registrant has elected to impose **Toxicity Category 1** for acute oral, acute dermal, acute inhalation, primary eye irritation and primary dermal irritation, and **Positive** for skin sensitization in lieu of conducting studies for the subject product. However, since this product is a 0.3% Chlorine Dioxide formulation containing only non-toxic inerts, category II classification were deemed more appropriate.

Findings:

The acute toxicity profile for EPA Reg. No. 75757-2 is currently:

Acute Oral	II	Self-validation (MRID No. 488108-01)
Acute Dermal	II	Self-validation (MRID No. 488108-01)
Acute Inhalation	II	Self-validation (MRID No. 488108-01)
Primary Eye	II	Self-validation (MRID No. 488108-01)
Primary Dermal	II	Self-validation (MRID No. 488108-01)
Skin Sensitization	Positive	Self-validation (MRID No. 488108-01)

NOTE: The acute toxicity requirements have been satisfied for the subject product.

Precautionary Labeling:**Product Reg. No.:** 075757-00002**Product Name:** CDG Solution 3000™**Signal Word:** WARNING**Hazards to Humans and Domestic Animals:**

May be fatal if swallowed, or absorbed through skin. Causes substantial but temporary eye injuries. Causes skin irritation. Do not get in eyes, on skin or on clothing. May be fatal if inhaled. Do not breathe spray mist or vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Wear **respiratory protection** with an organic-vapor removing cartridge with a prefilter approved for pesticide (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. Wear protective **eyewear** (goggles, face shield, or safety glasses). Wear coveralls over short-sleeved shirt, short pants, socks, chemical-resistant footwear, and chemical resistant gloves made of any waterproof material (Selection Category A*).

[* If Selection Category A gloves do not provide adequate protection for this product, the registrant should indicate a specific glove category from the EPA chemical resistance chart that will provide adequate protection.]

First Aid:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

User Safety Recommendations:

User should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.